storing an interpreter operable to interpret programs derived from programs written in a high level programming language and an application derived from a program written in a high level programming language format in a memory of the integrated circuit card wherein the application is derived from a program written in a high level programming language format by first compiling the program into a compiled form and then converting the compiled form into a converted form, the converting step including:

modifying byte code operands from references using identifying strings to references using unique identifiers;

recording all jumps and their destinations in the original byte codes;

converting specific byte codes into equivalent generic byte codes or vice-versa; and

renumbering byte codes in a compiled format to equivalent byte codes in a format suitable for interpretation;

using a processor of the integrated circuit card to use the interpreter to interpret the application for execution; and

using a communicator of the card when communicating between the processor and the terminal.

Please cancel Claims 58, 91-94, 127-136, 139, and 143 without prejudice.

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